

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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CERTIFICATE OF INSPECTION FOR 6 3/4" DRILL COLLAR

Client Name:	DAQING DRILLING	Report No.:	DQ-12-QC-24-04-RS-010
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	12.APR.2024
Work Location:	(R-807)	Rig No.:	DQ-12
Test Equipment & Consumeable Details			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN.2025	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#: 220605 Manufacture: Magnaflux Exp Date: JULY.2025	COIL(1200 AMP-TURNS/IN	SC 22713 Cal.15.FEB.2024 Cal Due14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due14.AUG.2024
INTENSITY METER	SR#1608000134 CAL.Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal.15.FEB.2024 Cal Due14.AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.FEB.2024 Cal Due 12.AUG.2024	THREAD PROFILE GAGE	SR#21336 Cal. 13.FEB.2024 Cal Due 12.AUG.2024 SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3500 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3050 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	- Through Visual inspection - MPI inspection with Ultraviolet light - Dimensional 3		
Connection:	NC50	Size:	6 3/4"

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection																
	Pin	Box	Body				Pin						Box						Body				
				OD (in)	ID (in)	SRG ² (in)	SRG W ² (in)	Pin ² (in)	Bevel ² (in)	OD (in)	CBD ² (in)	CBW ² (in)	BB ² (in)	BBL ² (in)	Bevel ² (in)	Pin Tong ² (in)	Box Tong ² (in)	EGR ² (in)	SGR ² (in)	Overall ² (in)			
G8	Acc.	S&T.D	Acc.	Acc.	Acc.	Acc.	6 ¾"	2 7/8"	4 23/32"	1"	4 7/16"	6 5/16"	6 ¾"	5 5/16"	5/8"	4 5/8"	8 ¼"	6 5/16"	17 ½"	20 ¾"	-	7/32"	-
Conclusion:			01 DRILL COLLARS above were found "UnAcceptable"From Box Connection Thread&Seal Damage Rejected.																				

Abbreviations :

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore
Ø	Diameter	Ø	Length	Ø	Width	Ø	Depth	NP.	Not Present	NA.	Not Applicable
EGR	Elevator Groove Recess	SGR	Slip Groove Recess	CR	Crack	B	Bent	PC	Premium Class	RF	Reface
GT	Galled Thread	PT	Pitting Thread	SP	Seal Pitting	TD	Thread Damage	SD	Seal Damage	M	Mashed
1	100 % Coating	2	99-71 % Coating	3	70-40 % Coating	4	Up to 40 %	5	Nil	WT	Wall Thickness
Colors Code:		No Defects		Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:		RAJ KOTAIL		Review By			
Qualification:	Senior Inspector:		M.FAHAD	Supervisor:	WAQAS AWAN	Customer Name:	
Signature:						Customer Signature:	
Original - Client Files		Copy - Area Office		QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021			

